

ABSTRACT OF THE DISCLOSURE

A wireless system uses a direct UHF radio frequency (RF) signal to control electric trains and train accessories. A controller, such as a handheld unit used by the toy train operator, accepts control commands and transmits encoded control data over a high frequency radio link directly to a receiver, on the toy train or train accessory, which decodes the commands and controls the toy train or toy train accessory functions with either unidirectional or bi-directional communication between the controller and the model train or train accessory. One controller has the ability to control many trains and other model train layout components such as signals and track switches even while other train operators are operating their trains on the same electric train track layout.